FLYING TRAINING

USAF F-15 Initial Qualification Course

USAF F-15 Transition/Requalification Course

USAF F-15 Senior Officer/Test Pilot Training Course

MARCH 2004

Air Education & Training Command

DEPARTMENT OF THE AIR FORCE
Headquarters Air Education and Training Command
Randolph AFB TX 78150-4404

AETC SYLLABI F15ACB00AT/F15ACTX0AT/F15ACS0AT

March 2004

This syllabus outlines the training required to achieve the proficiency specified in the course training standards. It prescribes the course content, instructions to conduct the training, and the approximate time required necessary to successfully complete all requirements. Any training not specifically authorized in this syllabus or other AETC directives is prohibited without prior approval of this headquarters. Forward suggestions to HQ AETC/DOFF, 1 F STREET STE 2, RANDOLPH AFB TX 78150-4325. The next planned revision is October 2005.

OFFICIAL

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SUMMARY OF CHANGES

I. Global Changes — This document has been reformatted to include AETC Syllabi F15ACB00AT, F15ACTX0AT, and F15ACS0AT (B Course, Trk 1/2/3). Training has been modified to include increased aircraft capabilities (FDL, NVGs). Trk 2 c/d were added to accommodate Trk 2 students who were not previously NVG qualified in the F-15C.

II. Flying Sortie Changes — Total number of flying missions for the B Course remains unchanged (46 sorties). SSR for the B Course increased by 0.575 sorties due to updated accounting procedures. Total number of flying missions for Trk 1a/b remains unchanged (29/36 sorties). Prior to adding an additional NINT sortie, total flying missions were cut by 1 sortie and SSR remained unchanged. SSR for Trk 1a/b has increased by 2.3 sorties due to the addition of one NINT mission. For Trk 1a, INT-1 and TI-3 were removed. TI-5 was added. ACM flow changed to ACM-5/6/7. ACT-4 was changed to ACT-3. NINT flow is now NINT 1/3/4. For Trk 1b, BFM-10 was deleted. The 2 sorties from BFM-10 were used to ensure realistic accounting of TI-3. ACM flow changed to ACM-1/2/5/6/7. ACT-4 was changed to TI-5. NINT flow is now NINT 1/3/4. Training days for the B Course and Trk 1 have increased by 2 due to added NVG academics. Total number of flying missions for Trk 2a/b remains unchanged (11/16 sorties). SSR for Trk 2a/b remains unchanged. For Trk 2a, ACT-2 changed to TI-5. ACT-4 changed to ACT-3. ACM-5 renamed ACM-7. NINT-3 changed to NINT-5. For Trk 2b, TI-2 changed to BFM-13. ACM-5 renamed ACM-7. ACT-2 changed to TI-5. ACT-4 changed to ACT-3. NINT-3 changed to NINT-5. Training days for Trk 2a/b have increased by 2 due to added NVG academics. Trk 2c/d are equivalent to Trk 2a/b with the addition of NINT sorties. Total number of flying missions for Trk 2c/d increased by 2 (13/18 sorties) due to the addition of 2 NINT sorties. SSR for Trk 2c/d has increased by 4.2 sorties. NINT flow is NINT-1/3/4. Training days for Trk 2c/d have increased by 4 due to added sorties and NVG academics. Total number of flying missions for Trk 3a/b/c remains unchanged (5/7/16 sorties). SSR remains unchanged. For Trk 3c, ACM-5 renamed to ACM-7. ACT-2/4 renamed to ACT-1/2. NINT-3 changed to NINT-5. Training days for Track 3a/b increased 1 day due to FDL academics. Training days for Trk 3c increased by 2 due to NVG academics.

III. Academic Changes — Total number of academic hour increases are as follows: B Course - Increased from 249.5 to 257.5, Track 1A/B – Increased from 204 to 220.5, Track 2A/B – Increased from 151.5 to 161.5, Track 3A – Increased from 65.5 to 68.5, Track 3B – Increased from 90.5 to 93.5, Track 3C – Increased from 154 to 154.5, Track 3D – Increased from 37 to 44.5. B Course increases are due to the incorporation of Fighter Data Link, Night Vision Goggles, AFTTP 3-1 Shot/Kill Criteria training and a new Basic Radar Timeline course (RDR 8). Additionally, several tests were added to evaluate these lessons. The large increase in academic hours for the Track 1A/B course (16.5 hrs) can be attributed to the fact that the TX syllabus did not get updated with the last B Course change (Oct 02). Courses that were added for the B Course in 2002 were also incorporated for the Track 1A/B course during this iteration. Major changes to course titles were also made to better organize syllabus subject matter. All Air-to-Air Employment (AA) courses are now taught by Air Force instructors. All computer based instruction courses end with a "C" designation.

IV. Simulator — Simulator: Changes to simulator missions due to incorporation of NVGs, earlier incorporation of FDL into the flow, and the addition of 4-ship Sims to the TX syllabus. For the B course, the total number of missions remains the same (35 missions, 6 academic), however a basic Intercept Sim was deleted and replaced by a TI Sim; a TI Sim that was devoted to FDL was deleted; and an ACT Sim that was devoted to FDL was deleted. Two academic simulator missions were added: an Advanced Radar Sim and an NVG Sim. For TX Track 1a, total number of simulator missions increased by 3 (25 missions, 6 academic), all of which were academic Sims: RDR Sim 2, and RDR Sim 3 to match up with the B course, and the NVG Sim. To TX Track 1b, the above three Sims were added, as well as an additional 4-Ship simulator mission (26 missions, 6 academic). For TX Track 2a-b, the total increased to 15 due to the NVG Sim (14 missions, 1 academic). Additionally, an Intercept Sim was deleted and a 4-Sip Sim was added. (New TX Track 2c-d the same as Track 2a-b). TX Track 3a-b remain the same with no changes (3a – 5 missions, 3b – 7 missions), Track 3c increased by 1 for the NVG Sim (16 missions, 1 academic).

V. Administration — Options ANG students with more than 1000 F-15C hours (and concurrent less than 2 years) to enter the Trk 3b course. Mandates a centrifuge grade of 2 or higher. Empowers the OG/CC to authorize an AHC-C sortie for physiological incidents involving a poor or miss-prioritized AGSM. Revises regression rules.

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AETC/SGT	1	
AETC/DOF	1	
AETC/DOFF	3	
AETC/DOV	1	
AETC/HO	1	
AFSAT/XO	1	
AFSAT/SDS	1	
19 AF/DOK	2	
AETC TRSS/CCQA	8	
435 FTS/CC	1	
12 FTW/HO	2	
325 MSSQ/MSIPD, 445 Suwannee Rd, Ste 152, Tyndall AFB FL 32403-5534		273
325 FW/CC	2	
325 OG/CC	5	
325 OSS/CC	6	
325 OSS/OST	200	
1 FS/DO	20	
2 FS/DO	20	
95 FS/DO	20	
49 FTS/IFF, Columbus AFB MS 39710-4001		EF
88 FTS/CC, Sheppard AFB TX 76311-2031		EF
AUL/LSE, Maxwell AFB AL 36112-6424		EF
173 FW/CC, Kingsley ANGB OR		100
OTHER ACTIVITIES:		
1 FW/MSIPD, 219 Dodd Blvd, Langley AFB VA 23665-2798		EF
ACC/FMCC	EF	
ACC/DOTF	EF	
ACC/DOTV	EF	
ACC/DPAO	EF	
ACC/HO	EF	
ACC/SE	EF	
ACC/XPMQ	EF	
ACC/IGIO	EF	
ACC/TRSS	EF	
1 OG/CC, 159 Sweeney Blvd, Ste 105, Langley AFB VA 23665-5001		EF
1 OSS/OSTT	EF	
27 FS/DO	EF	
71 FS/DO	EF	
94 FS/DO	EF	
33 OG/CC, 1007 Nomad Way, Ste 16, Eglin AFB FL 32542-6004		EF
33 OSS/OSTT	EF	
58 FS/DO	EF	
59 FS/DO	EF	
60 FS/DO	EF	
9 AF/DOOT, 328 Cullen St, Shaw AFB SC 29152-5124		EF
366 OSS/OSTT, 360 Gunfighter Ave, Mt Home AFB ID 83648-5232		EF
HQ USAF/XOFM, 1040 Air Force Pentagon Washington DC 20310-2500		2
NGB-AD-PD, 2C364 Air Force Pentagon Washington DC 20310-2500		EF
102 FW/CC	EF	
116 FW/CC	EF	
131 FW/CC	EF	
142 FG/CC	EF	
154 CG/CC	EF	
159 FG/CC	EF	
HQ PACAF/IMPD, 25 E St, Ste G103, Hickam AFB HI 96853-5419		EF
PACAF/DO	EF	
3 OG/CC	EF	
18 OG/CC	EF	
HQ USAFE/IMPD, Unit 3050, Box 75, APO AE 09094-5075		EF
USAFE/XO	EF	
48 OG/CC	EF	
52 OG/CC	EF	
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CHAPTER 1

COURSE ACCOUNTING

SECTION A. COURSE DESCRIPTION

1-1. Course Titles — USAF F-15 Initial Qualification Course; USAF F-15 Transition/Requalification Course; USAF F-15 Senior Officer/Test Pilot Training Course.

1-2. Course Numbers — F15ACB00AT; F15ACTX0AT; F15ACSOAT.

1-3. Course Objectives

a. The Basic and Track 1, 2 objectives are to graduate a fighter pilot that is Basic Aircraft Qualified (BAQ) in F-15 conversion and air-to-air mission tasks. BAQ is defined as a status of an aircrew member who has satisfactorily completed training prescribed to maintain the skills necessary to fly the unit aircraft, but who does not maintain Basic Mission Capable (BMC) or Combat Mission Ready (CMR) status. To obtain full BMC status, graduates typically receive Mission Qualification Training (MQT) at the gaining operational unit prior to BMC certification by the unit commander.

b. Specifically, graduates will be qualified to employ the aircraft in the air superiority role as a single or as a wingman in a two-ship element, day or night. Graduates will be proficient in all conversion, emergency, and instrument tasks, day/night air-to-air refueling, basic low altitude employment and the air-to-air mission tasks as indicated by the Master Task List/Course Training Standards MTL/CTS of Chap 6.

c. **Track 3a**

(1) The Track 3a objective is to graduate a test pilot that is Basic Aircraft Qualified (BAQ) in F-15 conversion tasks. BAQ is defined as a status of an aircrew member who has satisfactorily completed training prescribed to maintain the skills necessary to fly the unit aircraft, but who does not maintain Basic Mission Capable (BMC) or Combat Mission Ready (CMR) status.

(2) Specifically, graduates will be qualified to fly the aircraft as a single or as a wingman in a two-ship element. Graduates will be proficient in all conversion, emergency, and instrument tasks as indicated by the Master Task List/Course Training Standards MTL/CTS of Chap 6.

d. **Track 3b**

(1) The Track 3b objective is to graduate a fighter pilot that is Basic Aircraft Qualified (BAQ) in F-15 conversion tasks, *with familiarization in Basic Fighter Maneuvers and Tactical Intercepts.* BAQ is defined as a status of an aircrew member who has satisfactorily completed training prescribed to maintain the skills necessary to fly the unit aircraft, but who does not maintain Basic Mission Capable (BMC) or Combat Mission Ready (CMR) status. To obtain full BMC status, graduates typically receive Mission Qualification Training (MQT) at the gaining operational unit prior to BMC certification by the unit commander.

(2) Specifically, graduates will be qualified to fly the aircraft as a single or as a wingman in a two-ship element. Graduates will be proficient in all conversion, emergency, and instrument tasks as indicated by the Master Task List/Course Training Standards MTL/CTS of Chap 6.

e. **Track 3c**

(1) The Track 3c objective is to graduate a fighter pilot that is *near-Combat Mission Ready (CMR)* in F-15 conversion and air-to-air mission tasks. To obtain full CMR status, graduates typically receive theater indoctrination and local area check-out at the gaining operational unit prior to CMR certification by the unit commander.

(2) Specifically, graduates will be qualified to employ the aircraft in the air superiority role as a single or as a wingman in a two-ship element, day or night. Graduates will be proficient in all conversion, emergency, and instrument tasks, day/night air-to-air refueling, basic low altitude employment and the air-to-air mission tasks as indicated by the Master Task List/Course Training Standards MTL/CTS of Chap 6.

d. **Track 3d —** The Track 3d objective is to provide a fighter pilot with academic and simulator missions related to the basic operation of the F-15.

1-4. Location — 325th Fighter Wing, Tyndall AFB, Florida or 173rd Fighter Wing, Kingsley Field, Oregon.

1-5. Duration

Events	*Basic*	*Track 1a*	*Track 1b*	*Track 2a*	*Track 2b*	*Track 2c*	*Track 2d*
Training Days	125	81	84	36	39	38	41
Academic Hrs	257.5 Hrs	220.5 Hrs	220.5 Hrs	161.5 Hrs	161.5 Hrs	161.5 Hrs	161.5 Hrs
Training Device/Hrs	35/49.5 Hrs	25/36.0 Hrs	26/37.5 Hrs	14/21.0 Hrs	14/21.0 Hrs	14/21.0 Hrs	14/21.0 Hrs
Flying Sorties/Hrs	46/56.9 Hrs	29/36.6 Hrs	36/43.7 Hrs	11/15.3 Hrs	16/20.3Hrs	13/18.1 Hrs	18/23.1 Hrs
Mission Support	127 Hrs	83 Hrs	98 Hrs	36 Hrs	46 hrs	40 Hrs	50 hrs

Events	*Track 3a*	*Track 3b*	*Track 3c*	*Track 3d*
Training Days	14	16	38	5
Academic Hrs	68.5 Hrs	93.5 Hrs	154.5 Hrs	44.5 Hrs
Training Device/Hrs	5/7.5 Hrs	7/10.5 Hrs	16/22.5 Hrs	4/6.0 Hrs
Flying Sorties/Hrs	5 Sorties/7.8 Hrs	7 Sorties/10.0 Hrs	16 Sorties/20.4 Hrs	0
Mission Support	15.0 Hrs	21.0 Hrs	48.0 Hrs	4.0 Hrs

1-6. Status Upon Graduation — Graduates from this course will attain the status of BAQ and a duty AFSC of 11F1F until completion of Mission Qualification Training (MQT). Track 3c graduates from this course will attain the status of BAQ and a duty AFSC of 11F3F.

1-7. Course Entry Prerequisites

a. **Basic —** Graduate from Introduction to Fighter Fundamentals (Course B/F-V5A-K) within 45 days of the B-course start date.

(1) Meets one of these experience criteria:

(a) Fighter assignment from SUPT.

(b) T-37/T-38 instructor pilot selected for a fighter assignment.

b. **Track 1a —** Meet one of the following experience criteria:

(1) 300 MP/IP front seat hours in tactical (air-to-air radar equipped) fighter/attack aircraft and current within 42 months before course entry.

(2) 500 MP/IP front seat hours in tactical (air-to-air radar equipped) fighter/attack aircraft and current within 5 years before course entry.

(3) 1,000 MP/IP front seat hours in tactical (air-to-air radar equipped) fighter/attack aircraft and current within 8 years before course entry.

(4) An experienced F-15C pilot, noncurrent in the F-15 between 5 and 8 years before course entry.

c. **Track 1b —** Meet one of the following experience criteria:

(1) 300 MP/IP front/left seat hours in tactical (non air-to-air radar equipped) fighter/attack aircraft and current within 42 months before course entry.

(2) 500 MP/IP front/left seat hours in tactical (non air-to-air radar equipped) fighter/attack aircraft and current within 5 years before course entry.

(3) 1,000 MP/IP front/left seat hours in tactical (non air-to-air radar equipped) fighter/attack aircraft and current within 8 years before course entry.

d. **Track 2a —** Mandatory previous Night Vision Goggle (NVG) qualified and meets one of the following experience criteria:

(1) 200 hours in the F-15C, noncurrent over 6 months and not more than 2 years before course entry.

(2) One year operational experience in the F-15C, noncurrent over 6 months and not more than 2 years before course entry.

e. **Track 2b —** Mandatory previous Night Vision Goggle (NVG) qualified and meets one of the following experience criteria:

(1) 200 hours in the F-15C, noncurrent over 2 years and not more than 5 years before course entry.

(2) One year operational experience in the F-15C, noncurrent over 2 years and not more than 5 years before course entry.

f. **Track 2c —** Meet one of the following experience criteria:

(1) 200 hours in the F-15C, noncurrent over 6 months and not more than 2 years before course entry.

(2) One year operational experience in the F-15C, noncurrent over 6 months and not more than 2 years before course entry.

g. **Track 2d —** Meet one of the following experience criteria:

(1) 200 hours in the F-15C, noncurrent over 2 years and not more than 5 years before course entry.

(2) One year operational experience in the F-15C, noncurrent over 2 years and not more than 5 years before course entry.

h. **Track 3a —** Test pilots who meet the following experience criteria:

(1) 500 MP/IP front seat hours or two years operational experience in tactical fighter/attack aircraft.

i. **Track 3b —** Senior Officers or ANG personnel who meet the following experience criteria:

(1) 500 MP/IP front seat hours or two years operational experience in tactical (air-to-air radar equipped) fighter/attack aircraft.

(2) Air National Guard students:

(a) Minimum of 1000 MP/IP hours in the F-15.

(b) F15 noncurrent for not more than 2 years.

j. **Track 3c —** Senior Officers directed by MAJCOM to billet a Contingency Operations Assignment who meet one of the following experience criteria:

(1) 300 MP/IP front seat hours in tactical (air-to-air radar equipped) fighter/attack aircraft and current within 42 months before course entry.

(2) 500 MP/IP front seat hours in tactical (air-to-air radar equipped) fighter/attack aircraft and current within 5 years before course entry.

(3) 1,000 MP/IP front seat hours in tactical (air-to-air radar equipped) fighter/attack aircraft and current within 8 years before course entry.

(4) An experienced F-15A/C pilot, noncurrent in the F-15A/C between 5 and 8 years before course entry.

k. **Track 3d —** Senior Officers who meet the following experience criteria:

(1) 500 MP/IP front seat hours or two years operational experience in tactical (air-to-air radar equipped) fighter/attack aircraft.

l. **All Tracks**—*Survival Training*:

(1) Basic Survival (S-V80-A) or equivalent desired.

(2) Water Survival (S-V86-A) or equivalent mandatory.

m. **All Tracks**—*Life Support Training*:

(1) Centrifuge training with a resulting grade of 2 or higher.

(2) Altitude Chamber training (current for the duration of the course).

n. **All Tracks —** *Special Requirements:* (The following must be met prior to formal student training).

(1) Incoming students must have a Top Secret clearance with a single scope background investigation (SSBI) initiated no later than 60 days before class start date.

(2) Students already possessing a Top Secret clearance must have a background investigation date of within 4½ years of class start date. Otherwise, initiate the periodic reinvestigation within a minimum of 45 days prior to class start date.

(3) Clearance level and date must be included on orders and students must bring a copy of their completed SF 86, Questionnaire for National Security Positions, to Tyndall AFB or Kingsley ANG for in-processing. Losing units processing orders must ensure this occurs to prevent a stoppage in training

SECTION B. FLYING INVENTORY

1-8. Flying Training Summary — (Separate Chart per Track)

B COURSE DIRECT UE SUPPORT						
SORTIES	*HOURS*	*SORTIES*		*HOURS*		*MISSION*
STUDENT		*IP/MP*	**W/Diss*	*IP/MP*	**W/Diss*	*TYPE*
TR-1	1.5					CONVERSION
TR-2	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-4	1.5	1		1.5		CONVERSION
TR-5	1.5	1		1.5		CONVERSION
5	**7.5**	**2**	***2***	**3**	***3***	
I-1	1.8					DEMO INSTRUMENT
I-2	1.8					INST CHECK
2	**3.6**					
AHC	1.1					DEMO ADV HANDLING
1	**1.1**					
BFM-1	0.8	1		0.8		OBFM
BFM-2	0.8	1		0.8		OBFM
BFM-3	0.8	1		0.8		OBFM
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-5	0.8	1		0.8		DBFM
BFM-6	0.8	1		0.8		DBFM
BFM-7	0.8	1		0.8		DBFM
BFM-8	0.8	1		0.8		DEMO DBFM
BFM-9	0.8	1		0.8		HABFM
BFM-10	0.8	1		0.8		HABFM
BFM-11	0.8	1		0.8		HABFM
BFM-12	0.8	1		0.8		DEMO HABFM
BFM-13	1.1	1		1.1		ADV. HABFM
BFM-14	1.1	1	*-1*	1.1	*-1.1*	DEMO ADV. OBFM
BFM-15	1.1	1	*-1*	1.1	*-1.1*	DEMO ADV. DBFM
15	**12.9**	**15**	***13***	**12.9**	***10.7***	
INT-1	1.4	1		1.4		1v1 BASIC INT
INT-2	1.4	1		1.4		DEMO BASIC INT
2	**2.8**	**2**	***2***	**2.8**	***2.8***	
TI-1	1.4	1		1.4		1v1 TAC INT
TI-2	1.4	1		1.4		DEMO 1v1 TAC INT
TI-3	1.4	3	*1*	4.2	*1.4*	2v2 TAC INT
TI-4	1.4	3	*1*	4.2	*1.4*	DEMO 2v2 TI
TI-5	1.4	3	*1*	4.2	*1.4*	DEMO 4v4 TI
5	**7**	**11**	***5***	**15.4**	***7***	
NINT-1	1.4	1		1.4		DEMO 1v1 BI
NINT-2	1.4	1		1.4		DEMO 1v1 TI
NINT-3	1.4	1		1.4		2v2 TI
NINT-4	1.4	1		1.4		DEMO 2v2 TI
4	**5.6**	**4**	***4***	**5.6**	***5.6***	
ACM-1	1.1	2	*1*	2.2	*1.1*	DACM
ACM-2	1.1	2	*1*	2.2	*1.1*	DEMO DACM
ACM-3	1.1	2	*1*	2.2	*1.1*	DEMO OACM
ACM-4	1.1	2	*1*	2.2	*1.1*	DEMO OACM
ACM-6	1.1	2	*1*	2.2	*1.1*	ALL ASPECT
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
6	**6.6**	**12**	***6***	**13.2**	***6.6***	
ACT-1	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 DCA
ACT-2	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 OCA
ACT-3	1.3	3	*1*	3.9	*1.3*	4v4 DCA
3	**3.9**	**9**	***3***	**11.7**	***3.9***	
LASDT-1	1.3					DEMO LOWAT AHC
LASDT-2	1.3	1		1.3		DEMO 1v1
LASDT-3	1.3	1	*1*	1.3	*1.3*	DEMO 2v2 TAC INT
3	**3.9**	**2**	***2***	**2.6**	***2.6***	
DAAR-1**	0.5					DAY AAR
DAAR-2**	0.5					DAY AAR SOLO
NAAR-1**	0.5					NIGHT AAR
NAAR-2**	0.5			2	*2*	NIGHT AAR
4**	**2**			**2**	***2***	
46	**56.9**	**57**	***37***	**69.2**	***44.2***	

Student Sortie Requirement (SSR) = 118.45 = 46.0 + 57 + 15.45
Dissimilar SSR = **95.45* = 46.0 + **37.0* + 12.45

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 15% of student and direct support sorties).
* BFM 14-15, TI 3-5, ACM 1-7, ACT 1-3, LASDT 3 in the event dissimilar assets are available.
** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

TRACK 1A DIRECT UE SUPPORT						
SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	***W/Diss***	***IP/MP***	***W/Diss***	***TYPE***
TR-1	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-5	1.5	1		1.5		CONVERSION
3	**4.5**	**1**	***1***	**1.5**	***1.5***	
I-2	1.8					INST CHECK
1	**1.8**					
AHC	1.1					DEMO ADV HANDLING
1	**1.1**					
BFM-1	0.8	1		0.8		OBFM
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-5	0.8	1		0.8		DBFM
BFM-6	0.8	1		0.8		DBFM
BFM-8	0.8	1		0.8		DEMO DBFM
BFM-9	0.8	1		0.8		HABFM
BFM-12	0.8	1		0.8		DEMO HABFM
BFM-13	1.1	1		1.1		ADV. HABFM
BFM-14	1.1	1	*-1*	1.1	*-1.1*	DEMO ADV. OBFM
9	**7.8**	**9**	***8***	**7.8**	***6.7***	
INT-2	1.4	1		1.4		DEMO BASIC INT
1	**1.4**	**1**	***1***	**1.4**	***1.4***	
TI-2	1.4	1		1.4		DEMO 1v1 TAC INT
TI-4	1.4	3	*1*	4.2	*1.4*	DEMO 2v2 TI
TI-5	1.4	3	*1*	4.2	*1.4*	DEMO 4v4 TI
3	**4.2**	**7**	***3***	**9.8**	***4.2***	
NINT-1	1.4	1		1.4		DEMO 1v1 BI
NINT-3	1.4	1		1.4		2v2 TI
NINT-4	1.4	1		1.4		DEMO 2v2 TI
3	**4.2**	**3**	***3***	**4.2**	***4.2***	
ACM-2	1.1	2	*1*	2.2	*1.1*	DEMO DACM
ACM-5	1.1	2	*1*	2.2	*1.1*	DEMO OACM
ACM-6	1.1	2	*1*	2.2	*1.1*	ALL ASPECT
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
4	**4.4**	**8**	***4***	**8.8**	***4.4***	
ACT-1	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 DCA
ACT-2	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 OCA
ACT-3	1.3	3	*1*	3.9	*1.3*	4v4 DCA
3	**3.9**	**9**	***3***	**11.7**	***3.9***	
LASDT-2	1.3	1		1.3		DEMO 1v1
1	**1.3**	**1**	***1***	**1.3**	***1.3***	
DAAR-1**	0.5					DAY AAR
DAAR-2**	0.5					DAY AAR SOLO
NAAR-1**	0.5					NIGHT AAR
NAAR-2**	0.5			2	*2*	NIGHT AAR
4**	**2**			**2**	***2***	
29	**36.6**	**39**	***24***	**48.5**	***29.6***	

Student Sortie Requirement (SSR) = 78.2 = 29.0 + 39 + 10.2

Dissimilar SSR = **60.95* = 29.0 + **24.0* + 7.95

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 15% of student and direct support sorties).

* BFM 14, TI 4-5, ACM 2-7, ACT 1-3 in the event dissimilar assets are available.

** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

TRACK 1B DIRECT UE SUPPORT						
SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	****W/Diss***	***IP/MP***	****W/Diss***	***TYPE***
TR-1	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-5	1.5	1		1.5		CONVERSION
3	**4.5**	**1**	***1***	**1.5**	***1.5***	
I-2	1.8					INST CHECK
1	**1.8**					
AHC	1.1					DEMO ADV HANDLING
1	**1.1**					
BFM-1	0.8	1		0.8		OBFM
BFM-2	0.8	1		0.8		OBFM
BFM-3	0.8	1		0.8		OBFM
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-5	0.8	1		0.8		DBFM
BFM-6	0.8	1		0.8		DBFM
BFM-7	0.8	1		0.8		DBFM
BFM-8	0.8	1		0.8		DEMO DBFM
BFM-9	0.8	1		0.8		HABFM
BFM-11	0.8	1		0.8		HABFM
BFM-12	0.8	1		0.8		DEMO HABFM
BFM-13	1.1	1		1.1		ADV. HABFM
BFM-14	1.1	1	*-1*	1.1	*-1.1*	DEMO ADV. OBFM
13	**11**	**13**	***12***	**11**	***9.9***	
INT-1	1.4	1		1.4		1v1 BASIC INT
INT-2	1.4	1		1.4		DEMO BASIC INT
2	**2.8**	**2**	***2***	**2.8**	***2.8***	
TI-2	1.4	1		1.4		DEMO 1v1 TAC INT
TI-3	1.4	3	*1*	4.2	*1.4*	2v2 TAC INT
TI-4	1.4	3	*1*	4.2	*1.4*	DEMO 2v2 TI
TI-5	1.4	3	*1*	4.2	*1.4*	DEMO 4v4 TI
4	**5.6**	**10**	***4***	**14**	***5.6***	
NINT-1	1.4	1		1.4		DEMO 1v1 BI
NINT-3	1.4	1		1.4		2v2 TI
NINT-4	1.4	1		1.4		DEMO 2v2 TI
3	**4.2**	**3**	***3***	**4.2**	***4.2***	
ACM-1	1.1	2	*1*	2.2	*1.1*	DACM
ACM-2	1.1	2	*1*	2.2	*1.1*	DEMO DACM
ACM-5	1.1	2	*1*	2.2	*1.1*	DEMO OACM
ACM-6	1.1	2	*1*	2.2	*1.1*	ALL ASPECT
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
5	**5.5**	**10**	***5***	**11**	***5.5***	
ACT-1	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 DCA
ACT-2	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 OCA
ACT-3	1.3	3	*1*	3.9	*1.3*	4v4 DCA
3	**3.9**	**9**	***3***	**11.7**	***3.9***	
LASDT-2	1.3	1		1.3		DEMO 1v1
1	**1.3**	**1**	***1***	**1.3**	***1.3***	
DAAR-1**	0.5					DAY AAR
DAAR-2**	0.5					DAY AAR SOLO
NAAR-1**	0.5					NIGHT AAR
NAAR-2**	0.5			2	2	NIGHT AAR
4**	**2**			**2**	***2***	
36	**43.7**	**49**	***31***	**59.5**	***36.7***	
Student Sortie Requirement (SSR) = 97.75 = 36.0 + 49.0 + 12.75 **Dissimilar SSR = *77.05 = 36.0 + *31.0 + 9.975**						

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 15% of student and direct support sorties).

* BFM 14, TI 3-5, ACM 1-7, ACT 1-3, in the event dissimilar assets are available.

** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

TRACK 2A
DIRECT UE SUPPORT

SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	****W/Diss***	***IP/MP***	****W/Diss***	***TYPE***
TR-2	1.5					DEMO CONVERSION
TR-5	1.5	1		1.5		CONVERSION
2	**3**	**1**	***1***	**1.5**	***1.5***	
I-2	1.8					INST CHECK
1	**1.8**					
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-8	0.8	1		0.8		DEMO DBFM
2	**1.6**	**2**	***2***	**1.6**	***1.6***	
TI-4	1.4	3	*1*	4.2	*1.4*	DEMO 2v2 TI
TI-5	1.4	3	*1*	4.2	*1.4*	DEMO 4v4 TI
2	**2.8**	**6**	***2***	**8.4**	***2.8***	
NINT-5	1.4	1		1.4		DEMO 1v1/2v2 TI
1	**1.4**	**1**	***1***	**1.4**	***1.4***	
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
1	**1.1**	**2**	***1***	**2.2**	***1.1***	
ACT-3	1.3	3	*1*	3.9	*1.3*	4v4 DCA
1	**1.3**	**3**	***1***	**3.9**	***1.3***	
LASDT-2	1.3	1		1.3		DEMO 1v1
1	**1.3**	**1**	***1***	**1.3**	***1.3***	
DAAR-2**	0.5					DAY AAR SOLO
NAAR-2**	0.5			2	2	NIGHT AAR
2**	**1**			**2**	***2***	
11	**15.3**	**16**	***9***	**22.3**	***13***	

Student Sortie Requirement (SSR) = 28.35 = 11.0 + 16.0 + 1.35
Dissimilar SSR = **21.0* = 11.0 + **9.0* + 1.0

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 5% of student and direct support sorties).
* TI 4-5, ACM 7, ACT 3 in the event dissimilar assets are available.
** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

TRACK 2B
DIRECT UE SUPPORT

SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	****W/Diss***	***IP/MP***	****W/Diss***	***TYPE***
TR-1	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-5	1.5	1		1.5		CONVERSION
3	**4.5**	**1**	***1***	**1.5**	***1.5***	
I-2	1.8					INST CHECK
1	**1.8**					
BFM-1	0.8	1		0.8		OBFM
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-5	0.8	1		0.8		DBFM
BFM-8	0.8	1		0.8		DEMO DBFM
BFM-12	0.8	1		0.8		DEMO HABFM
BFM-13	1.1	1		1.1		ADV. HABFM
6	**5.1**	**6**	***6***	**5.1**	***5.1***	
TI-4	1.4	3	*1*	4.2	*1.4*	DEMO 2v2 TI
TI-5	1.4	3	*1*	4.2	*1.4*	DEMO 4v4 TI
2	**2.8**	**6**	***2***	**8.4**	***2.8***	
NINT-5	1.4	1		1.4		DEMO 1v1/2v2 TI
1	**1.4**	**1**	***1***	**1.4**	***1.4***	
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
1	**1.1**	**2**	***1***	**2.2**	***1.1***	
ACT-3	1.3	3	*1*	3.9	*1.3*	4v4 DCA
1	**1.3**	**3**	***1***	**3.9**	***1.3***	
LASDT-2	1.3	1		1.3		DEMO 1v1
1	**1.3**	**1**	***1***	**1.3**	***1.3***	
DAAR-2**	0.5					DAY AAR SOLO
NAAR-2**	0.5			2	2	NIGHT AAR
2**	**1**			**2**	***2***	
16	**20.3**	**20**	***13***	**25.8**	***16.5***	

Student Sortie Requirement (SSR) = 37.8 = 16.0 + 20.0 + 1.8
Dissimilar SSR = **32.55* = 18.0 + **13.0* + 1.55

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 5% of student and direct support sorties).
* TI 4-5, ACM 7, ACT 3 in the event dissimilar assets are available.
** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

TRACK 2C
DIRECT UE SUPPORT

SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	****W/Diss***	***IP/MP***	****W/Diss***	***TYPE***
TR-2	1.5					DEMO CONVERSION
TR-5	1.5	1		1.5		CONVERSION
2	**3**	**1**	***1***	**1.5**	***1.5***	
I-2	1.8					INST CHECK
1	**1.8**					
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-8	0.8	1		0.8		DEMO DBFM
2	**1.6**	**2**	***2***	**1.6**	***1.6***	
TI-4	1.4	3	*1*	4.2	*1.4*	DEMO 2v2 TI
TI-5	1.4	3	*1*	4.2	*1.4*	DEMO 4v4 TI
2	**2.8**	**6**	***2***	**8.4**	***2.8***	
NINT-1	1.4	1		1.4		DEMO 1v1 BI
NINT-3	1.4	1		1.4		2v2 TI
NINT-4	1.4	1		1.4		DEMO 2v2 TI
3	**4.2**	**3**	***3***	**4.2**	***4.2***	
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
1	**1.1**	**2**	***1***	**2.2**	***1.1***	
ACT-3	1.3	3	*1*	3.9	*1.3*	4v4 DCA
1	**1.3**	**3**	***1***	**3.9**	***1.3***	
LASDT-2	1.3	1		1.3		DEMO 1v1
1	**1.3**	**1**	***1***	**1.3**	***1.3***	
DAAR-2**	0.5					DAY AAR SOLO
NAAR-2**	0.5			2	*2*	NIGHT AAR
2**	**1**			**2**	***2***	
13	**18.1**	**18**	***11***	**25.1**	***15.8***	

Student Sortie Requirement (SSR) = 32.55 = 13.0 + 18.0 + 1.55
Dissimilar SSR = ****25.2* **= 13.0 + ****11.0*** **+ 1.2**

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 5% of student and direct support sorties).
* TI 4-5, ACM 7, ACT 3 in the event dissimilar assets are available.
** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

TRACK 2D
DIRECT UE SUPPORT

SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	****W/Diss***	***IP/MP***	****W/Diss***	***TYPE***
TR-1	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-5	1.5	1		1.5		CONVERSION
3	**4.5**	**1**	***1***	**1.5**	***1.5***	
I-2	1.8					INST CHECK
1	**1.8**					
BFM-1	0.8	1		0.8		OBFM
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-5	0.8	1		0.8		DBFM
BFM-8	0.8	1		0.8		DEMO DBFM
BFM-12	0.8	1		0.8		DEMO HABFM
BFM-13	1.1	1		1.1		ADV. HABFM
6	**5.1**	**6**	***6***	**5.1**	***5.1***	
TI-4	1.4	3	*1*	4.2	*1.4*	DEMO 2v2 TI
TI-5	1.4	3	*1*	4.2	*1.4*	DEMO 4v4 TI
2	**2.8**	**6**	***2***	**8.4**	***2.8***	
NINT-1	1.4	1		1.4		DEMO 1v1 BI
NINT-3	1.4	1		1.4		2v2 TI
NINT-4	1.4	1		1.4		DEMO 2v2 TI
3	**4.2**	**3**	***3***	**4.2**	***4.2***	
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
1	**1.1**	**2**	***1***	**2.2**	***1.1***	
ACT-3	1.3	3	*1*	3.9	*1.3*	4v4 DCA
1	**1.3**	**3**	***1***	**3.9**	***1.3***	
LASDT-2	1.3	1		1.3		DEMO 1v1
1	**1.3**	**1**	***1***	**1.3**	***1.3***	
DAAR-2**	0.5					DAY AAR SOLO
NAAR-2**	0.5			2	*2*	NIGHT AAR
2**	**1**			**2**	***2***	
18	**23.1**	**22**	***15***	**28.6**	***19.3***	

Student Sortie Requirement (SSR) = 42.0 = 18.0 + 22.0 + 2.0
Dissimilar SSR = *34.65 = 18.0 + *15.0 + 1.65

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 5% of student and direct support sorties).
* TI 4-5, ACM 7, ACT 3 in the event dissimilar assets are available.
** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

TRACK 3A
DIRECT UE SUPPORT

SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	****W/Diss***	***IP/MP***	****W/Diss***	***TYPE***
TR-1	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-4	1.5	1		1.5		CONVERSION
TR-5	1.5	1		1.5		CONVERSION
4	**6**	**2**	***2***	**3**	***3***	
I-2	1.8					INST CHECK
1	**1.8**					
5	**7.8**	**2**	***2***	**3**	***3***	

Student Sortie Requirement (SSR) = 7.35 = 5.0 + 2.0 + .35

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 5% of student and direct support sorties).

TRACK 3B
DIRECT UE SUPPORT

SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	****W/Diss***	***IP/MP***	****W/Diss***	***TYPE***
TR-1	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-4	1.5	1		1.5		CONVERSION
TR-5	1.5	1		1.5		CONVERSION
4	**6**	**2**	***2***	**3**	***3***	
I-2	1.8					INST CHECK
1	**1.8**					
BFM-1	0.8	1		0.8		OBFM
1	**0.8**	**1**	***1***	**0.8**	***0.8***	
TI-2	1.4	1		1.4		DEMO 1v1 TAC INT
1	**1.4**	**1**	***1***	**1.4**	***1.4***	
7	**10**	**4**	***4***	**5.2**	***5.2***	

Student Sortie Requirement (SSR) = 11.55 = 7.0 + 4.0 + .55

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 5% of student and direct support sorties).

TRACK 3C
DIRECT UE SUPPORT

SORTIES	***HOURS***	***SORTIES***		***HOURS***		***MISSION***
STUDENT		***IP/MP***	***W/Diss***	***IP/MP***	***W/Diss***	***TYPE***
TR-1	1.5					CONVERSION
TR-3	1.5					DEMO CONVERSION
TR-5	1.5	1		1.5		CONVERSION
3	**4.5**	**1**	***1***	**1.5**	***1.5***	
I-2	1.8					INST CHECK
1	**1.8**					
BFM-1	0.8	1		0.8		OBFM
BFM-4	0.8	1		0.8		DEMO OBFM
BFM-5	0.8	1		0.8		DBFM
BFM-8	0.8	1		0.8		DEMO DBFM
BFM-12	0.8	1		0.8		DEMO HABFM
5	**4**	**5**	***5***	**4**	***4***	
TI-2	1.4	1		1.4		DEMO 1v1 TAC INT
1	**1.4**	**1**	***1***	**1.4**	***1.4***	
NINT-5	1.4	1		1.4		DEMO NAAR/1v1/2v2 TI
1	**1.4**	**1**	***1***	**1.4**	***1.4***	
ACM-7	1.1	2	*1*	2.2	*1.1*	DEMO ALL ASPECT
1	**1.1**	**2**	***1***	**2.2**	***1.1***	
ACT-1	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 DCA
ACT-2	1.3	3	*1*	3.9	*1.3*	DEMO 2v2 OCA
ACT-MR	1.3	3	*1*	3.9	*1.3*	2v2 MR CHECK
3	**3.9**	**9**	***3***	**11.7**	***3.9***	
LASDT-2	1.3	1		1.3		DEMO 1v1
1	**1.3**	**1**	***1***	**1.3**	***1.3***	
DAAR-1**	0.5					DAY AAR
NAAR-1**	0.5			1	*1*	NIGHT AAR
4**	**1**			**1**	***1***	
16	**20.4**	**22**	***13***	**24.5**	***15.6***	

Student Sortie Requirement (SSR) = 39.9 = 16.0 + 22.0 + 1.9
Dissimilar SSR = *30.45 = 16.0 + *13.0 + 1.45

SSR = Student + Direct Support + Refly Rate Sorties (Refly rate is 15% of student and direct support sorties).
* ACM 7, ACT 1-2, ACT MR in the event dissimilar assets are available.
** DAAR/NAAR flown in conjunction with another syllabus sortie. Does not count toward sortie total.

SECTION C. DEVICE TRAINING INVENTORY

1-9. Device Training Summary — All Tracks

DEVICE (SIM)	*B Course*		*Trk 1a*		*Trk 1b*		*Trk 2a/2b/2c/2d*		*Trk 3a/3d*		*Trk 3b*		*Trk 3c*		*Trk 3d*	
	Num	*Hour*	*Num*	*Hours*	*Num*	*Hours*	*Num*	*Hours*	*Num*	*Hour*	*Numb*	*Hour*	*Num*	*Hour*	*Num*	*Hours*
TR	8	12	5	7.5	5	7.5	4	6	4	6	4	6	5	7.5	4	6
EPE	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	0	0
BFM	4	3	2	1.5	2	1.5	0	0	0	0	0	0	2	1.5	0	0
INT (1v1)	5	7.5	5	7.5	5	7.5	1	1.5	0	0	0	0	2	3	0	0
TI	9	13.5	7	10.5	7	10.5	5	7.5	0	0	2	3	4	6	0	0
ACM (2v1)	1	1.5	1	1.5	1	1.5	0	0	0	0	0	0	0	0	0	0
ACT	6	9	3	4.5	4	6	2	3	0	0	0	0	2	3	0	0
EP	1	1.5	1	1.5	1	1.5	1	1.5	0	0	0	0	0	0	0	0
TOTAL	**35**	**49.5**	**25**	**36**	**26**	**37.5**	**14**	**21**	**5**	**7.5**	**7**	**10.5**	**16**	**22.5**	**4**	**6**

SECTION D. ACADEMIC INVENTORY

1-9. Lesson Summary — All Tracks

COURSE TITLE	*SUBJECT*	*B Course Hours*	*1a/1b Hours*	*2a/2b 2c/2d Hours*	*3a Hours*	*3b Hours*	*3c Hours*	*3d Hours*
SPECIAL TOPICS		**13.0**	**11.0**	**10.0**	**6.0**	**6.0**	**6.0**	**1.0**
COCKPIT PROCEDURES TRAINER		**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**2.0**	**1.0**
MISSION SUPPORT		**6.0**	**6.0**	**6.0**	**6.0**	**6.0**	**6.0**	**0.0**
HUMAN FACTORS		**5.0**	**3.0**	**3.0**	**3.0**	**3.0**	**3.0**	**2.0**
LIFE SUPPORT		**6.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**0.0**
SIMULATOR ACADEMIC SUPPORT		**10.5**	**10.5**	**1.5**	**0.0**	**0.0**	**1.5**	**0.0**
AIR-TO-AIR REFUELING		**1.5**	**1.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
AIRCRAFT GENERAL		**24.5**	**19.5**	**19.5**	**19.5**	**19.5**	**19.5**	**19.5**
AVIONICS		**17.0**	**17.0**	**17.0**	**8.0**	**12.0**	**15.0**	**12.0**
AIRCRAFT HANDLING CHARACTERISTICS		**6.0**	**6.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**
F-15 RADAR		**21.5**	**21.5**	**14.5**	**9.0**	**16.0**	**18.0**	**2.0**
WEAPONS EMPLOYMENT		**14.5**	**14.5**	**12.5**	**0.0**	**0.0**	**12.5**	**2.0**
ADVANCED THEATER INTEL		**11.5**	**11.5**	**6.0**	**0.0**	**5.0**	**6.0**	**0.0**
TEWS		**5.0**	**5.0**	**5.0**	**0.0**	**5.0**	**5.0**	**0.0**
F-15 IDENTIFICATION		**2.0**	**2.0**	**2.0**	**0.0**	**0.0**	**2.0**	**0.0**
FIGHTER COMPARISON		**2.0**	**2.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
INTERCEPTS		**8.5**	**8.5**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
MISSION PLANNING		**9.0**	**4.0**	**2.5**	**0.0**	**0.0**	**2.5**	**0.0**
NIGHT VISION GOGGLES		**8.0**	**8.0**	**8.0**	**0.0**	**0.0**	**8.0**	**0.0**
INTELLIGENCE		**11.0**	**2.0**	**2.0**	**0.0**	**0.0**	**0.0**	**0.0**
AIR-TO-AIR EMPLOYMENT		**22.0**	**22.0**	**15.5**	**0.0**	**4.0**	**17.5**	**0.0**
COMBAT MISSION PLANNING		**4.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
ACADEMIC EXAMS		**47.0**	**38.0**	**24.5**	**5.0**	**5.0**	**20.0**	**0.0**
ACADEMIC TOTALS		**257.5**	**220.5**	**161.5**	**68.5**	**93.5**	**154.5**	**44.5**

SECTION E. WEAPONS INVENTORY

1-11. Expendables Summary — (Separate Chart per Track)

B COURSE							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 1 thru 15	15	15	0	BFM 1 thru 15	30	30	0
ACM 1-4, 6-7	15	15	6	ACM 1-4, 6-7	30	30	6
TI 1 thru 5	15	15	6	TI 1 thru 5	30	30	6
NINT 1 thru 4	15	15	0	NINT 1 thru 4	30	30	0
ACT 1 thru 3	15	15	6	ACT 1 thru 3	30	30	6
Mission Total = 33	495	495	270	**Mission Total = 33**	990	990	540
Total Flares = 1260				**Total Chaff = 2520**			

TRACK 1A							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 1, 4-6, 8-9, 12-14	15	15	0	BFM 1, 4-6, 8-9, 12-14	30	30	0
ACM 2, 5-7	15	15	4	ACM 2, 5-7	30	30	4
TI 2, 4-5	15	15	4	TI 2, 4-5	30	30	4
NINT 1, 3-4	15	15	0	NINT 1, 3-4	30	30	0
ACT 1 thru 3	15	15	6	ACT 1 thru 3	30	30	6
Mission Total = 22	330	330	210	**Mission Total = 22**	660	660	420
Total Flares = 870				**Total Chaff = 1740**			

TRACK 1B							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 1-9, 11-14	15	15	0	BFM 1-9, 11-14	30	30	0
ACM 1-2, 5-7	15	15	5	ACM 1-2, 5-7	30	30	5
TI 2-5	15	15	6	TI 2-5	30	30	6
NINT 1, 3-4	15	15	0	NINT 1, 3-4	30	30	0
ACT 1 thru 3	15	15	6	ACT 1 thru 3	30	30	6
Mission Total = 28	420	420	255	**Mission Total = 28**	840	840	510
Total Flares = 1095				**Total Chaff = 2190**			

TRACK 2A							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 4, 8	15	15	0	BFM 4, 8	30	30	0
ACM 7	15	15	1	ACM 7	30	30	1
TI 4-5	15	15	4	TI 4-5	30	30	4
NINT 5	15	15	0	NINT 5	30	30	0
ACT 3	15	15	2	ACT 3	30	30	2
Mission Total = 7	105	105	105	**Mission Total = 7**	210	210	210
Total Flares = 315				**Total Chaff = 630**			

TRACK 2B							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 1, 4-5, 8, 12-13	15	15	0	BFM 1, 4-5, 8, 12-13	30	30	0
ACM 7	15	15	1	ACM 7	30	30	1
TI 4-5	15	15	4	TI 4-5	30	30	4
NINT 5	15	15	0	NINT 5	30	30	0
ACT 3	15	15	2	ACT 3	30	30	2
Mission Total = 11	165	165	105	**Mission Total = 11**	330	330	210
Total Flares = 435				**Total Chaff = 870**			

TRACK 2C							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 4, 8	15	15	0	BFM 4, 8	30	30	0
ACM 7	15	15	1	ACM 7	30	30	1
TI 4-5	15	15	4	TI 4-5	30	30	4
NINT 1, 3-4	15	15	0	NINT 1, 3-4	30	30	0
ACT 3	15	15	2	ACT 3	30	30	2
Mission Total = 9	135	135	105	**Mission Total = 9**	270	270	210
Total Flares = 375				**Total Chaff = 750**			

TRACK 2D							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 1, 4-5, 8, 12-13	15	15	0	BFM 1, 4-5, 8, 12-13	30	30	0
ACM 7	15	15	1	ACM 7	30	30	1
TI 4-5	15	15	4	TI 4-5	30	30	4
NINT 1, 3-4	15	15	0	NINT 1, 3-4	30	30	0
ACT 3	15	15	2	ACT 3	30	30	2
Mission Total = 13	195	195	105	**Mission Total = 13**	390	390	210
Total Flares = 495				**Total Chaff = 990**			

TRACK 3B							
	FLARES				*CHAFF*		
MISSIONS	***P***	***IP***	***BANDIT***	***MISSIONS***	***P***	***IP***	***BANDIT***
BFM 1	15	15	0	BFM 1	30	30	0
TI 2	15	15	0	TI 2	30	30	0
Mission Total = 2	30	30	0	**Mission Total = 2**	60	60	0
Total Flares = 60				**Total Chaff = 120**			

TRACK 3C							
FLARES				CHAFF			
MISSIONS	P	IP	BANDIT	MISSIONS	P	IP	BANDIT
BFM 1, 4-5, 8, 12	15	15	0	BFM 1, 4-5, 8, 12	30	30	0
ACM 7	15	15	1	ACM 7	30	30	1
TI 2	15	15	0	TI 2	30	30	0
NINT 5	15	15	0	NINT 5	30	30	0
ACT 1-2, MR CHK	15	15	6	ACT 1-2, MR CHK	30	30	6
Mission Total = 11	165	165	105	**Mission Total = 11**	330	330	210
Total Flares = 435				**Total Chaff = 870**			

SECTION F. MISSION SUPPORT

1-12. Support Summary — The following chart accounts for support hours beyond the requirements of academic and flying hours.

TYPE	B CRSE		Trk 1a		Trk 1b		Trk 2a		Trk 2b		Trk 2c		Trk 2d		Trk 3a		Trk 3b		Trk 3c		Trk 3d	
Brief/Debrief	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs	No.	Hrs
Flight Sorties 1 hr ea	46	92	29	58	36	72	11	22	16	32	13	26	18	36	5	10	7	14	16	32	0	0
Sim Missions ½ hr ea	35	35	25	25	26	26	14	14	14	14	14	14	14	14	5	5	7	7	16	16	4	4
TOTAL	**162**	**127**	**108**	**83**	**124**	**98**	**50**	**36**	**60**	**46**	**54**	**40**	**64**	**50**	**20**	**15**	**28**	**21**	**64**	**48**	**8**	**4**

SECTION G. AIRCRAFT CONFIGURATIONS

1-13. F-15C/D Configurations

First Digit (Aircraft Type)

C. C-Model
D. D-Model

Second Digit (Fuel Configuration)

0. 0 external fuel tanks
1. 1 x external fuel tanks
2. 2 x external fuel tanks
3. 3 x external fuel tanks

Third Digit (Weapon Configuration)

A. No Munitions
B. No Weapons (Carts only)
C. One CATM-9
D. One CATM-9, Two CATM-7
E. One CATM-9, Two CATM-120
F. One CATM-9, Two CATM-7, Two CATM-120
G. One CATM-9, 940 Rounds 20mm
H. Two CATM-120
I. Two CATM-9, Two CATM-7, Four CATM-120
X. Cross Country / No chaff & flare

Fourth Digit (Special Requirements)

1. Baggage Pod
2. ACMI Pod
3. AIM-9-9

The configuration code will be a 3 or 4 digit code.

Letter	-	Designate aircraft type.
Number	-	Designate fuel tank configuration.
Letter	-	Designate weapon configuration.
Number	-	Designate special requirements.

Note: All aircraft will have a standard load of 60/30 chaff/flare. Any additional requirements and chaff/flare load will be added in the remarks column of the daily (297) schedule. Chaff/flare loads will be as follows:

1X = 30/15 chaff/flare load	3X = 90/45 chaff/flare load
2X = 60/30 chaff/flare load	4X = 120/60 chaff/flare load

EXAMPLES:

C1D	=	C-Model, centerline fuel tank, one CATM-9 & two CATM-7
D0I	=	D-Model, no fuel tanks, two CATM-9, two CATM-7, four CATM-120

1-14. KINGSLEY F-15B/C/D Configurations

The configuration code will be a 3 or 4 digit code.

Letter	-	Designate aircraft type.
Number	-	Designate fuel tank configuration.
Letter	-	Designate weapon configuration.
Number	-	Designate special requirements.

First Digit (Aircraft Type)

B. B-Model
C. C-Model
D. D-Model
X. B/C/D permissible

Second Digit (Fuel Configuration)

0. 0 external fuel tanks
1. 1 x external fuel tanks (Centerline tank)
2. 2 x external fuel tanks (Wing tanks)
3. 3 x external fuel tanks
X. 0/1 x external fuel tank permissible

Third Digit (Weapon Configuration)

A. No Munitions
B. No Weapons (Carts only) (X-Cs/FCFs will have *NO CATMs* loaded)
C. One CATM-9
D. One CATM-9, Two CATM-7
E. One CATM-9, Two CATM-120
F. One CATM-9, Two CATM-7, Two CATM-120
G. One CATM-9, 940 Rounds 20mm
H. Two CATM-120
I. Two CATM-9, Two CATM-7, Four CATM-120
J. Two CATM-7
R. Two CATM-7, One CATM-9, 940 Rounds 20mm
S. Two CATM-7, 904 Rounds 20mm *(One CATM-9 optional)*
T. AGTS (centerline loading, No CATMs
X. B, C, or D Weapon Configuration permissible

Fourth Digit (Special Requirements)

1. Baggage Pod
2. ACMI Pod
3. AIM-9-9

Other configurations or special requirements will be coordinated with maintenance on a case-by-case basis and noted in the remarks on the schedule as required.

Note: All aircraft will have a standard load of 30/15 chaff/flare. Any additional requirements and chaff/flare load will be added in the remarks column of the daily schedule. Chaff/flare loads will be as follows:

1X = 30/15 chaff/flare load	3X = 90/45 chaff/flare load
2X = 60/30 chaff/flare load	4X = 120/60 chaff/flare load

EXAMPLES:

B1B	=	B/D-Model, centerline fuel tank, no weapons (carts only) (TR)
C0D	=	C-Model, no external fuel tanks, one CATM-9 & two CATM-7 (BFM)
C1D	=	C-Model, centerline fuel tank, one CATM-9 & two CATM-7 (ACM/TI)
D1B1	=	D-Model, centerline fuel tank, no weapons (carts only), travel pod (X-C)
X0D	=	Any Model, no fuel tanks, one CATM-9 & two CATM-7
XXD	=	Any Model, 0 or CL tank only, one CATM-9 & two CATM-7
XXX	=	Any Model, 0 or CL tank only, any weapons configuration permissible (spares)
B2T	=	B-Model, 2 wing fuel tanks, AGTS tow centerline (AGTS Tow)
C1S	=	C-Model, centerline fuel tank, two CATM-7, 940 rounds 20mm (AGTS Shooter)

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